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I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER OF PATENTS, WASHINGTON, DC 20231, ON THE DATE INDICATED BELOW.
BY: Daniel Petel DATE: April 16, 2002

PATENT
BOX NON-FEE AMENDMENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent Application of : Group Art Unit: 1632
Haig H. Kazazian, Jr. et al. :
Appn. No.: 09/653,812 : Examiner: A. Baker
Filed: September 1, 2000 :
For: COMPOSITIONS AND METHODS : No.: 053893-5006-02
OF USE OF MAMMALIAN : (9596-23U3)
RETROTRANSPOSONS :
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AMENDMENT

This Amendment responds to the Office Action mailed on December 17, 2001 (Paper No. 5), sent in connection with the above-captioned divisional application.

This Amendment is being timely filed in view of the accompanying petition for a one (1) month extension of time, and associated fee, which extends the time for a response to the Office Action to and through April 17, 2002. In response to the Office Action, kindly amend the application as follows.

In the claims:

Please cancel claims 35, 45, and 48, without prejudice.

Please amend claims 34, 36-44, 46, 47, and 49 as follows:

34. (Amended) A [non-human] transgenic [mammal] mouse comprising an isolated DNAc molecule, wherein said DNAc molecule comprises a promoter P and an L1 cassette sequence comprising a core L1 retrotransposon element.

36. (Amended) The [non-human] transgenic [mammal] mouse of claim [35] 34, wherein said core L1 retrotransposon element comprises a 5' UTR, ORF1, ORF2 comprising EN and RT domains, a 3' UTR, a poly A signal, and a vector sequence comprising at least one origin of DNA replication and a DNA sequence encoding at least one selectable marker protein.